



# STIC Search Report

## EIC 1700

STIC Database Tracking Number: 117923

TO: Melvyn Andrews  
Location: REM 6A01  
Art Unit : 1742  
March 31, 2004

Case Serial Number:

From: Barba Koroma  
Location: EIC 1700  
REM EO4 A30  
Phone: 571 272 2546

barba.koroma@uspto.gov

### Search Notes

Examiner Andrews,

Please find attached results of the search you requested. Various components of the claimed invention as spelt out in the claims were searched in REGISTRY and CAPLUS databases.

Due to the broad and highly posted nature of the structures in the claims, a reversed search was done using key terms in the CAPLUS database. The structures were then searched in the REGISTRY file as a subset of the very large group of REGISTRY numbers generated in CAPLUS.

You would notice that applicants priority document is posted as number 1. For your convenience, titles of hits have been listed to help you peruse the results set quickly. This is followed by a detailed printout of records. Please let me know if you have any questions.  
Thanks.

5 A55

=> FILE REG

FILE 'REGISTRY' ENTERED AT 16:41:20 ON 31 MAR 2004  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 30 MAR 2004 HIGHEST RN 669048-54-8  
DICTIONARY FILE UPDATES: 30 MAR 2004 HIGHEST RN 669048-54-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> FILE CAPLUS

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FILE COVERS 1907 - 31 Mar 2004 VOL 140 ISS 14  
FILE LAST UPDATED: 30 Mar 2004 (20040330/ED)

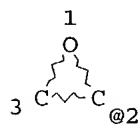
This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> D QUE

L6

STR

KOROMA EIC1700



G1 ~ O  
4 @5

G2 6

VAR G1=AK/CB

VAR G2=5/2

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 6

STEREO ATTRIBUTES: NONE

```
L12      32065 SEA FILE=CAPLUS ABB=ON  PLU=ON  (FOGG? OR ?MIST? OR DEFOG OR
          DEMIST OR HAZE) (4A) (AGENT OR COMPOUND? OR MOLECULE? OR COAT?
          OR DEPOSIT? OR PASTE? OR CREAM OR GREASE OR SOLUTION OR REMOVE
          OR OINTMENT OR LIQUID OR OIL OR GEL OR FOIL OR REMOVE)
L13      SEL  PLU=ON  L12 1- RN :   50367 TERMS  (TERM LIMIT EXCEE
          DED)
L14      SEL  PLU=ON  L13 15016- RN :   35352 TERMS
L15      50365 SEA FILE=REGISTRY ABB=ON  PLU=ON  L13
L16      35354 SEA FILE=REGISTRY ABB=ON  PLU=ON  L14
L17      50365 SEA FILE=REGISTRY ABB=ON  PLU=ON  L15 OR L16
L19      26132 SEA FILE=REGISTRY SUB=L17 SSS FUL L6
L21      7508 SEA FILE=CAPLUS ABB=ON  PLU=ON  L19 AND (FOGG? OR ?MIST? OR
          DEFOG OR DEMIST OR HAZE) (4A) (AGENT OR COMPOUND? OR MOLECULE?
          OR COAT? OR DEPOSIT? OR PASTE? OR CREAM OR GREASE OR SOLUTION
          OR REMOVE OR OINTMENT OR LIQUID OR OIL OR GEL OR FOIL OR
          REMOVE)
L24      256 SEA FILE=CAPLUS ABB=ON  PLU=ON  L21 AND ELECTROCHEM?/SC,SX
L26      22 SEA FILE=CAPLUS ABB=ON  PLU=ON  L24 AND (ALKOXY? OR ?AMINE?)
L27      8 SEA FILE=CAPLUS ABB=ON  PLU=ON  L24 AND (ANTIFOGGING OR
          ANTI-FOGGING OR ANTIMIST OR ANTI-MIST OR HAZE)
L28      29 SEA FILE=CAPLUS ABB=ON  PLU=ON  L26 OR L27
L29      677 SEA FILE=CAPLUS ABB=ON  PLU=ON  L21 AND (ANTIFOGGING OR
          ANTI-FOGGING OR ANTIMIST OR ANTI-MIST OR HAZE)
L30      155 SEA FILE=CAPLUS ABB=ON  PLU=ON  ANTIFOGGING AGENTS AND L29
L31      698 SEA FILE=CAPLUS ABB=ON  PLU=ON  (L27 OR L28 OR L29)
L32      392 SEA FILE=CAPLUS ABB=ON  PLU=ON  L31 AND (LIQUID OR AQUEOUS OR
          SOLUTION OR SOLVENT)
L33      16 SEA FILE=CAPLUS ABB=ON  PLU=ON  L32 AND ELECTROCHEM?/SC,SX
L34      41 SEA FILE=CAPLUS ABB=ON  PLU=ON  L32 AND (ALKOXY? OR AMINE?)
L35      41 SEA FILE=CAPLUS ABB=ON  PLU=ON  L34 AND L32
L36      170 SEA FILE=CAPLUS ABB=ON  PLU=ON  (L30 OR L31) AND (LIQUID OR
          AQUEOUS)
L37      198 SEA FILE=CAPLUS ABB=ON  PLU=ON  L35 OR L36
L38      170 SEA FILE=CAPLUS ABB=ON  PLU=ON  L37 AND (LIQUID OR AQUEOUS)
```

L40 29 SEA FILE=CAPLUS ABB=ON PLU=ON L38 AND (?AMINE? OR ?ALKOXY?)  
L41 5 SEA FILE=CAPLUS ABB=ON PLU=ON L38 AND (ANTI? OR NON?) (4A) FOGG  
?  
L42 40 SEA FILE=CAPLUS ABB=ON PLU=ON L38 AND (ANTIFOGGING OR  
ANTI-FOGGING) (4A) AGENTS  
L43 64 SEA FILE=CAPLUS ABB=ON PLU=ON L42 OR L41 OR L40  
L46 43 SEA FILE=CAPLUS ABB=ON PLU=ON L43 AND (ANTIFOGGING OR  
NON? (3A) FOGG? OR ANTI-FOGGING OR ANTIMIST? OR ANTI-MIST?)  
L48 59 SEA FILE=CAPLUS ABB=ON PLU=ON L46 OR L33

=> D TI 1-59

L48 ANSWER 1 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Alkoxylated triethanolamine as antimisting agents**

L48 ANSWER 2 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Redox and **solution chemistry** of the SeSO<sub>3</sub>2--Zn-EDTA2-  
system and electrodeposition behavior of ZnSe from alkaline  
**solutions**

L48 ANSWER 3 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging agents** with good strength, adhesion, and  
transparency and coated films for agricultural use

L48 ANSWER 4 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** glass for mirrors and windows

L48 ANSWER 5 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Copper-Bispidine Coordination **Chemistry**: Syntheses, Structures,  
**Solution** Properties, and Oxygenation Reactivity

L48 ANSWER 6 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Method for preventing **misting** when **coating** flexible  
supports with a crosslinkable **liquid** silicone composition in a  
device comprising rollers

L48 ANSWER 7 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Investigation of laser-assisted Pt deposition on TiO<sub>2</sub>

L48 ANSWER 8 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Method for preventing **misting** when **coating** flexible  
supports with a crosslinkable **liquid** silicone composition, in a  
device comprising cylinders

L48 ANSWER 9 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Evidence of a stable charge-transfer adduct between 2-mercaptoethanol and  
cobalt-polytetraaminophthalocyanine

L48 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Water soluble ferrocenyl and polyferrocenyl **compounds**: synthesis

and electrochemistry

- L48 ANSWER 11 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Photoelectrochemical properties of sol-gel processed Ag-TiO<sub>2</sub> nanocomposite thin films
- L48 ANSWER 12 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Photoelectrochemistry of molecules in zeolites and clays
- L48 ANSWER 13 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of the copper(II) complex of the binucleating hexaaza macrocycle 2,5,8,17,20,23-hexaaza[9.9]paracyclophane and its solution chemistry, hydrolytic activity and acid dissociation kinetics
- L48 ANSWER 14 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Sodium 2-acrylamido-2-methylpropanesulfonic acid polymers as agents for controlling mist in aqueous fluids
- L48 ANSWER 15 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Fogging-resistant styrene polymer sheets, their manufacture, and containers therefrom
- L48 ANSWER 16 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Hydrophilic aqueous dispersions containing photolytic compounds for prevention of surface fogging
- L48 ANSWER 17 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Antifogging coating comprising an inorganic alkoxide, acrylic polymer and poly(vinyl alcohol), film and article therefrom
- L48 ANSWER 18 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Photocatalytic hydrophilic coating compositions forming antifogging, antisoiling transparent film and rapid water evaporation, and aerosol compositions and coating therewith, and hydrophilized products
- L48 ANSWER 19 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Antifogging agent compositions
- L48 ANSWER 20 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Fogging-resistant, photocurable polyoxyalkylene coatings
- L48 ANSWER 21 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Solution chemistry and electrochemistry of copper(II) complexes of a tripodal ligand: galactose oxidase model studies
- L48 ANSWER 22 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Lasting fogging preventives for side mirrors and side windows of automobiles

- L48 ANSWER 23 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of **alkoxytriphenylenes** as liquid crystal charge carriers
- L48 ANSWER 24 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Manufacture of **coated** articles with excellent **fogging** resistance and good hot water resistance
- L48 ANSWER 25 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Antifogging agents** for heat-exchanger fins
- L48 ANSWER 26 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Antimist** additives for water-mixable and **aqueous** cooling lubricants
- L48 ANSWER 27 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Trivalent chromium electrolytes and plating processes employing same
- L48 ANSWER 28 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Liquid developer** for high contrast development
- L48 ANSWER 29 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Antifogging agents** for agricultural films
- L48 ANSWER 30 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Squaraine **chemistry: solution electrochemistry** and its use in assessing the relative photosensitivity of squaraines in bilayer xerographic devices
- L48 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Manufacture of **antifogging** abrasion-resistant plastics
- L48 ANSWER 32 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Ethylenically unsaturated carboxylic acid copolymer **coating** compositions for **fogging** prevention
- L48 ANSWER 33 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Fogging-resistant coated** fluoropolymer agricultural cover films
- L48 ANSWER 34 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Fogging-resistant** transparent polyurethane **coatings** for glass
- L48 ANSWER 35 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI **Antifogging agent** compositions of **alkoxycelluloses** and colloidal inorganic oxides
- L48 ANSWER 36 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Poly(vinyl chloride) films for agriculture uses
- L48 ANSWER 37 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Poly(ethylene terephthalate) films for agriculture uses

L48 ANSWER 38 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Inorganic compound-coated plastic particles and their manufacture and use

L48 ANSWER 39 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** poly(vinyl alcohol) coatings

L48 ANSWER 40 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Photochromic **fogging**-resistant **coatings**

L48 ANSWER 41 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** coatings

L48 ANSWER 42 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** coatings

L48 ANSWER 43 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** coating compositions

L48 ANSWER 44 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Silver halide color photographic light-sensitive material

L48 ANSWER 45 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Fogging**-prevention **coatings**

L48 ANSWER 46 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Transparent thermoplastic films

L48 ANSWER 47 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Surface-modified plastic moldings

L48 ANSWER 48 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Energy aspects of neutral **solvents**. Biosynthesis and use

L48 ANSWER 49 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** coatings

L48 ANSWER 50 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Articles with antifog coating

L48 ANSWER 51 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** coating film

L48 ANSWER 52 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Plastic lenses

L48 ANSWER 53 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** coatings for optical elements

L48 ANSWER 54 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Coating composition

L48 ANSWER 55 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging** compositions

L48 ANSWER 56 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Chemistry** of acetylenic carbonyl **compounds**. II.  
Kinetics of the reaction of 1,3-diphenylpropynone with morpholine in  
aprotic **solvents**

L48 ANSWER 57 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Antifogging agents** for glass

L48 ANSWER 58 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI The chemistry of iridium in basic **aqueous solution**. A  
polarographic study

L48 ANSWER 59 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

TI Addition products of N-alkyl- $\gamma$ -hydroxycarboxylic acid amides and  
**alkanolamines**

=> d ibib abs hitstr ind total

L48 ANSWER 1 OF 59 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:162845 CAPLUS

DOCUMENT NUMBER: 140:206586

TITLE: **Alkoxylated triethanolamine as  
antimisting agents**

INVENTOR(S): Witschger, Mark; Mao, Jianhua; Mattison, Philip L.;  
Virnig, Michael J.; Saint, Victor Marie-esther

PATENT ASSIGNEE(S): Cognis Corporation, USA

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004016828	A2	20040226	WO 2003-US22733	20030722
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

